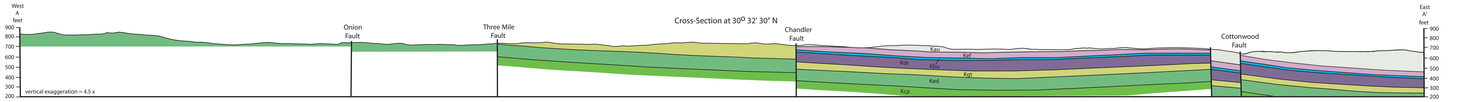
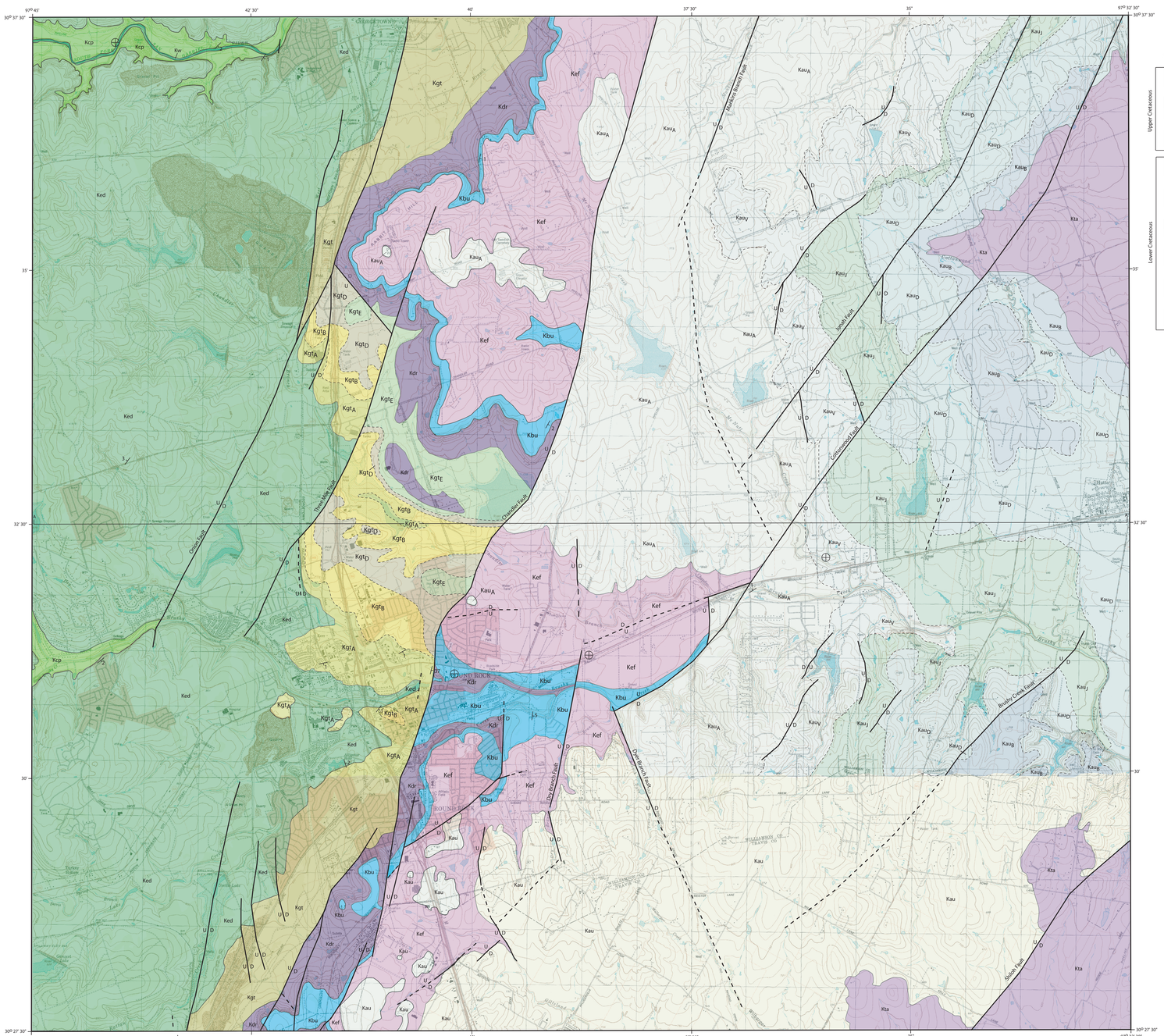
Bedrock Geology of Round Rock and Surrounding Areas, Williamson and Travis Counties, Texas

Todd B. Housh
2007





STRATIGRAPHIC UNITS

Upper Cretaceous

- **Kta** — Taylor Group: *calcareous claystones and shales.*
- **Kau** (A, V, J, D, B) — Austin Group: *limestone, chalk, marly chalk, and thin shale beds*
  Kau - Austin undifferentiated; A - Atco Fm., V - Vinson Fm., J - Jonah Fm., D - Dessau Fm., B - Burditt Fm.
- **Kef** — Eagle Ford Formation: *claystone, shale, flaggy limestone, and marl.*

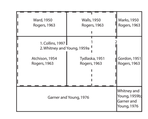
Lower Cretaceous

- **Kbu** — Buda Formation: *nodular, soft and hard limestone, very fossiliferous.*
- **Kdr** — Del Rio Formation: *claystone; contains pyrite, and selenite is formed upon weathering.*
- **Kgt** (A, B, D, E) — Georgetown Formation: *thin, fine-grained limestone and marly limestone .*
  Kgt - Georgetown undifferentiated; A, B, D, E - members in the Georgetown Fm.
- **Ked** — Edwards Formation: *dolomite, dolomitic limestone, and hard gray limestone containing rudists; chert nodules are common.*
- **Kcp** — Comanche Peak Formation: *white, chalky, fossiliferous limestone.*
- **Kw** — Walnut Formation: *limestone, marl and marly limestone.*

See the accompanying text for a fuller description of these units.

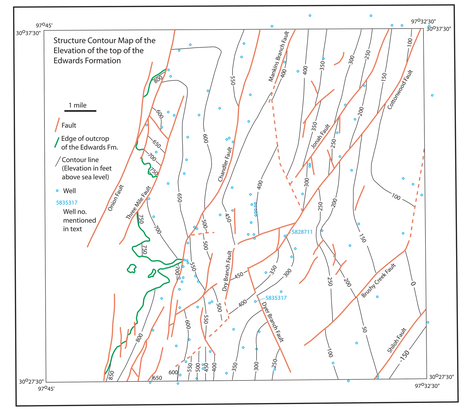
LEGEND

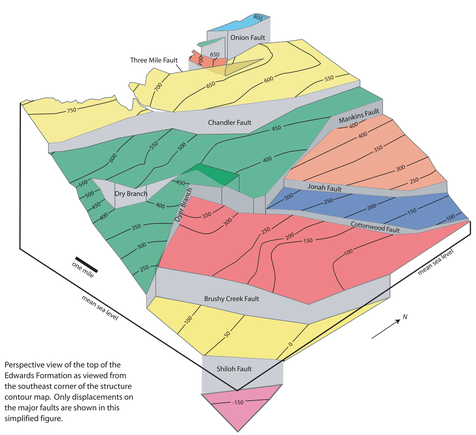
- Fault; dashed where inferred. U - upthrown side; D - downthrown side
- Contact between different members/formations of a formation or group.
- Line of cross-section. Depths to formations were constrained by logs of water wells.
- Strike and dip of strata; horizontal strata.



Other sources of geologic information consulted in the preparation of this map include: Marks (1950), Walls (1950), Ward (1950), Gordon (1951), Tydlaska (1951), Atchison (1954), Whitney and Young (1959a, b), Rogers (1963), Garner and Young (1976), Collins (1997).

MAP LOCATION





Perspective view of the top of the Edwards Formation as viewed from the southeast corner of the structure contour map. Only displacements on the major faults are shown in this simplified figure.